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Web based service for embedded devices   psu.edu [PDF]
U Topp, P Müller, J Konnertz, A Pick - Web, Web-Services, and Database ..., 2003 - Springer
... This approach leads to a software **platform**, the **Aspect Integrator Platform (AIP)**, where
all real objects are modelled through abstract objects which initially has only some generic
and basic functionality (name, type information and so on). ...
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[PDF] Auditory icon support for navigation in speech-only interfaces for room-based design metaphors   psu.edu [PDF]
D Skantze, N Dahlbäck - Proceedings of the International Conference on ... 2003 - Citeseer
... interface. 2. SYSTEM DESIGN The system was built on **Aspect Integrator Platform**
(AIP), ABB's software **platform** for ABB's Industrial IT, using speechWeb TM, a
VoiceXML browser from PipeBeach for dialog handling. **AIP** is ...
Cited by 11 - Related articles - View as HTML - All 8 versions

[CITATION] Intelligent binding in the engineering of automation systems using ontology and web services
Z Hu, E Kruse, L Draws - IEEE Transactions on Systems, Man, and Cybernetics ..., 2003
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[CITATION] A software architecture for industrial automation
RG Garcia, E Gelle, A Strohmeier - Seventh IEEE International Enterprise Distributed ..., 2003
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[CITATION] Establishment of automated regression testing at ABB: industrial experience report on'avoiding
the pitfalls'
C Persson, N Yilmazturk, ABBABC Res, S Vasteras - ... Software Engineering, 2004. ..., 2004
Cited by 7 - Related articles - All 7 versions

Using UML for information modeling in industrial systems with multiple hierarchies
P Fröhlich, Z Hu, M Schoelzke - «UML» 2002—The Unified Modeling Language - Springer
... A good example for the realization of a system integrating different applications based on the
ideas presented in the previous sections is ABB's **Aspect Integrator Platform (AIP)** [5]. The **AIP**
is a framework technology that is part of ABB's Industrial IT offer- ings to its customers in ...
Cited by 7 - Related articles - BL Direct - All 5 versions

Using ontology to bind Web Services to the data model of automation systems   psu.edu [PDF]
Z Hu - Web, Web-Services, and Database Systems - Springer
... ABB **Aspect Integrator Platform (AIP)** is created for the **integration** of different information
hierarchies – device layer, automation layer, manufacture execution and asset management
layer, enterprise management layer and collaboration layer, and it also creates an **integration** ...
Cited by 6 - Related articles - BL Direct - All 13 versions

[PDF] ``Modelling of Combined Cycle Power Plant Ageing in Matlab and IndustrialIT''   uia.no [PDF]
A Stothert, E Gallestey, GE Hovland - Proceedings of the 4th Nordic Matlab ..., 2004 - uia.no
... A key tool for migrating the Matlab/Simulink tool into an ABB IIT product is the **Aspect**
Integrator Platform (AIP). An sample screenshot from the **AIP** is shown in Fig. 7. Page
5. Figure 5: Overview of the functional structure of the complete tool. ...
Cited by 2 - Related articles - View as HTML

[PDF] A software architecture for industrial automation   psu.edu [PDF]
R Garcia, E Gelle, A Strohmeier - Proc. Seventh IEEE International Enterprise ... - Citeseer
... Abstract The **Aspect Integrator Platform (AIP)** from ABB was designed to build the next
generation of industrial automation applications. This **platform** is part of a set of products
that provide the means to model, control and supervise ...
Cited by 2 - Related articles - View as HTML - All 5 versions

[CITATION] Modelling predictable component-based distributed control architectures

HW Schmidt, iD Peake, J Xie, I Thomas, BJ Kramer, A … - Object-Oriented Real-Time …, 2003

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Web interface to an input/output **device**
US Pat. 6732191 - Filed Jun 15, 2000 - Schneider Automation Inc.
Furthermore, a customized interface is generally required to **access** the control
system by an end user. With the growth of Internet, and its World Wide Web
...

Exposure apparatus, coating/developing apparatus, method of
transferring a ...
US Pat. 6638672 - Filed May 25, 2001 - Canon Kabushiki Kaisha
The and has a security capability for limiting external **access** to respective
apparatuses within the **factory** are connected to the LAN 109. each other via a
...

Exposure apparatus, maintenance method therefor,
semiconductor **device** ...
US Pat. 6657703 - Filed May 17, 2001 - Canon Kabushiki Kaisha
More specifically, the **factory** notifies the vendor via the Internet 805 of ...
The network **access** software includes a dedicated or general-purpose **web** ...

Charged-particle beam exposure apparatus and **device**
manufacturing method
US Pat. 6566664 - Filed Mar 15, 2000 - Canon Kabushiki Kaisha
The storage **device** is a built-in memory, hard disk, or network file server. The
network **access** software includes a dedicated or general-purpose **web**
browser, ...

Alignment method, alignment apparatus, profiler, exposure
apparatus ...
US Pat. 6559924 - Filed May 30, 2001 - Canon Kabushiki Kaisha
The storage **device** is a built-in memory, hard disk, or network file server. The
network **access** soft- 55 ware includes a dedicated or general-purpose **web** ...

Mechanism and apparatus for **web**-based searching of URI-
addressable ...
US Pat. 6789077 - Filed Aug 31, 2000 - Sun Microsystems, Inc.
Thus, **factory**, the gate may be maintained in a gate cache. When a **device**
may
receive an XML message schema for a service the gate is no longer being
used,
...

Internet **web** interface including programmable logic controller for
...
US Pat. 6151625 - Filed Apr 30, 1999 - Schneider Automation Inc.
Many manufacturers provide **factory** automation information using Microsoft ...
The **Web** interface provides **access** to the PLC back plane by a user at a
remote
...

Exposure apparatus, maintenance method therefor, semiconductor **device** …

US Pat. 6757048 - Filed Nov 13, 2001 - Canon Kabushiki Kaisha

The storage **device** is a built-in memory, 30 hard disk, or network file server.
The network **access** software includes a dedicated or general-purpose **web** …

Mechanism and apparatus for using messages to look up documents stored in …

US Pat. 6643650 - Filed Sep 12, 2000 - Sun Microsystems, Inc.

25 A gate **factory** for a **device** may generate gate code that may **…** schema for a
service and then construct a gate based on that schema to **access** the **device**.
…

Scanning exposure apparatus, scanning exposure method, and **device** …

US Pat. 6704093 - Filed Feb 20, 2002 - Canon Kabushiki Kaisha

Each **factory** can **access** the host management system 1080 of the vendor 1010 **…**
web browser, and provides a user interface having a window as shown in FIG.
…

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